

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Douglas A. Larson and Attorney Docket No.: 501296.01 (30266/US)
Jeffrey J. Cronin
Filed : Concurrently Herewith
Title : APPARATUS AND METHOD FOR DATA BYPASS FOR A BI-DIRECTIONAL
DATA BUS IN A HUB-BASED MEMORY SUB-SYSTEM

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

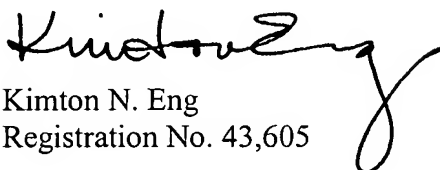
Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the non-patent literature references, as required under 37 C.F.R. § 1.98(a)(2), are enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read 'Kimton N. Eng', with a long, sweeping flourish extending to the right.

Kimton N. Eng
Registration No. 43,605

KNE:ajs

Enclosures:

Postcard

Form PTO-1449

Cited References (2)

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501296.01 (30266/US)	APPLICATION NO. Not Yet Assigned
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT(S) Douglas A. Larson and Jeffrey J. Cronin	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,251,303	10/05/93	Fogg, Jr. et al.	395	275	
	AB	5,432,907	07/11/95	Picazo, Jr. et al.	395	200	
	AC	5,442,770	08/15/95	Barratt	395	403	
	AD	5,497,476	03/05/96	Oldfield et al.	395	439	
	AE	5,659,798	08/19/97	Blumrich et al.	395	846	
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	AJ	6,073,190	06/06/00	Rooney	710	56	
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	AL	6,137,709	10/24/00	Boaz et al.	365	51	
	AM	6,144,587	11/07/00	Yoshida	365	189.05	
	AN	6,167,465	12/26/00	Parvin et al.	710	22	
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	AP	6,201,724 B1	03/13/01	Ishizaki et al.	365	49	
	AQ	6,233,376 B1	05/15/01	Updegrove	385	14	
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	AT	6,272,609 B1	08/07/01	Jeddeloh	711	169	
	AU	6,285,349 B1	09/04/01	Smith	345	147	
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	AY	6,347,055 B1	02/12/02	Motomura	365	189.05	

EXAMINER

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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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	AZ	6,349,363 B2	02/19/02	Cai et al.	711	129	
	BA	6,356,573 B1	03/12/02	Jonsson et al.	372	46	
	BB	6,367,074 B1	04/02/02	Bates et al.	717	11	
	BC	6,373,777 B1	04/16/02	Suzuki	365	230.03	
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	BF	6,434,639 B1	08/13/02	Haghighi	710	39	
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	BI	6,473,828 B1	10/29/02	Matsui	711	104	
	BJ	6,477,592 B1	11/05/02	Chen et al.	710	52	
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	BL	6,477,621 B1	11/05/02	Lee et al.	711	120	
	BM	6,496,909 B1	12/17/02	Schimmel	711	163	
	BN	6,505,287 B2	01/07/03	Uematsu	711	170	
	BO	6,539,490 B1	03/25/03	Forbes et al.	713	401	
	BP	6,552,564 B1	04/22/03	Forbes et al.	326	30	
	BQ	6,587,912 B2	07/01/03	Leddige et al.	711	5	
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	BS	6,594,713 B1	07/15/03	Fuoco et al.	710	31	
	BT	6,622,227 B2	09/16/03	Zumkehr et al.	711	167	
	BU	6,631,440 B2	10/07/03	Jenne et al.	711	105	
	BV	6,523,092 B1	02/18/03	Fanning	711	134	
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	BX	2002/0112119 A1	08/15/02	Halbert et al.	711	115	
	BY	2002/0144064 A1	10/03/02	Fanning	711	144	
	BZ	2003/0005223 A1	01/02/03	Coulson et al.	711	118	
	CA	2003/0043426 A1	03/06/03	Baker et al.	359	109	
	CB	2003/0229770 A1	12/11/03	Jeddeloh	711	213	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CC							
	CD							
	CE							
	CF							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	CG	Intel, "Intel 840 Chipset: 82840 Memory Controller Hub (MCH)", Datasheet, October 1999, pp. 1-178.
	CH	Micron Technology, Inc., "Synchronous DRAM Module 512MB/1GB (x72, ECC) 168-PIN Registered FBGA SDRAM DIMM", Micron Technology, Inc., 2002, pp. 1-23.
	CI	
	CJ	
	CK	
	CL	

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